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### Pipelined packet processor

DK Parker - US Patent App. 10/835,598, 2004 - Google Patents

... ANALYZE/SELECTIVELY CHANGE STATE OF CONTROL BIT 702 704 MODIFY/DETECT STATE OF ... AI 800 PROVIDE MULTI- DIMENSIONAL QoS INDICATOR 802 804 EGRESS MARKING OF PACKET ...

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### A practical architecture for implementing end-to-end QoS in an IPnetwork - [PDF] ►skku.ac.kr

V Fineberg - Communications Magazine, IEEE, 2002 - [ieeexplore.ieee.org](#)

... uses three bits in the 802.1Q VLAN tag to ... ingress interface, IP source and destination addresses, IP protocol, and ... If MPLS is implemented in the WAN, ERs serve ...

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### Packet processing system architecture and method

DK Parker, ER Swenson, MM Yip, CJ Young - US Patent App. 10/814,725, 2004 - Google Patents

... Address: HOWREY LLP C/O IP DOCKETING DEPARTMENT 2941 ... According to this packet marking function, the packet ... system is configured to selectively modify one or ...

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### System and method for controlling routing in a virtual router system

N Alam - US Patent 7,340,535, 2008 - [freepatentsonline.com](#)

... Data link layer objects include VLAN or other such data link layer objects ... 28, ReplaceRM, Replace Rate-Marking field. ... 23:16, TOS/EXP, IP TOS/MPLS EXP replacement. ...

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### [PDF] ►QoS in Layer 2 Networks with Cisco Catalyst 3550

S Ubik, J Vojtech - [staff.cesnet.cz](#)

... can be set as a part of IEEE802.1Q VLAN support or ... label (20 bits) exp (3 bits) TTL (8 bits) ... Network devices within a MPLS cloud can use experimental bits and ...

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### [PDF] ►L3VPN WG Paul Hitchen BT Internet Draft Paul Knight Nortel Networks Document

L Fang, M Behringer, R Callon, F Chiussi, L ... - [tools.ietf.org](#)

... routing within the VPN (ie VR, BGP-MPLS, routed version ... In Layer 3 VPNs, the IP address spaces of different ... In Layer 2 VPNs, the MAC address and VLAN spaces of ...

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### System and method for assembling a data packet

ER Swenson, CJ Young - US Patent 7,304,996, 2007 - Google Patents

... PROVIDE MULTI -DIMENSIONAL QoS INDICATOR TO/FROM TRANSFER DEVICE 1 004 EGRESS MARKING

OF PACKET C END J 1 002 1 000 1 006 FIGURE 10 Page 14. US Patent Dec. ...

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### Datagram replication in internet protocol multicast switching in a network device

JS Wong - US Patent App. 10/800,731, 2004 - Google Patents

... Label Stack -> Kel EXP SI = 0 m Label EXP SI = 1 ... first 18 bytes ^ r get the next MPLS label from the ... there is enough resources (pause & drop) VLAN Priority to ...

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[PDF] [► Migrating Legacy Services to MPLS](#)

M An, FRA Sponsored, HD Tutorial - [cnscenter.future.co.kr](#)

... and Maintenance Implementation Agreement, March 2001 • FRF.20, Frame Relay IP Header Compression ... Frame Relay, ATM, Ethernet/VLAN over MPLS, Virtual ...

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[BOOK] [End-to-End QoS Network Design](#)

T Szigeti, C Hattingh - 2004 - [books.google.com](#)

... Real-Time Traffic 449 Serialization 450 IP RTP Header ... Case Study: MPLS VPN QoS Design (CE/PE/P ... Topologies 646 Delay Budget Increases 647 ToS Byte Preservation ...

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